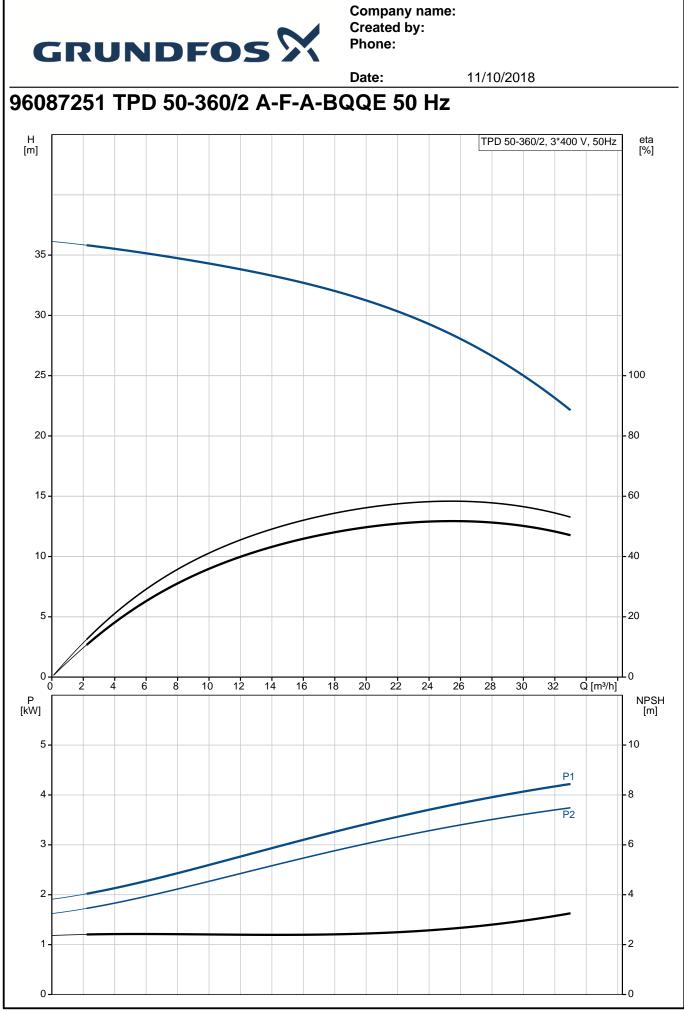
G	RI	UNDFOS	Company Created b Phone:					
			Date:	11/10/2018				
Position	Qty.	Description						
	1	TPD 50-360/2 A-F-A-BQQE						
		Product No.: 96087251						
		diameter. The twin-head pump is top-pull-out design, i.e. the power maintenance or service while the	ed, volute twin-head pump with in-line suction and discharge ports of identica pump is designed with two parallel power-heads. The pump is of the e power head (motor, pump head and impeller) can be removed for hile the pump housing remains in the pipework.					
		12756. Pipework connection is v	power head is fitted with an unbalanced rubber bellows seal. The shaft seal is according to Ef 5. Pipework connection is via PN 16 DIN flanges (EN 1092-2 and ISO 7005-2). power head is fitted with a fan-cooled asynchronous motor of indentical size.					
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -25 120 °C tion: 20 °C 998.2 kg/m³					
		<b>Technical:</b> Rated flow: Rated head: Actual impeller diameter: Primary shaft seal: Curve tolerance:	29 m <sup>3/</sup> h 24.1 m 163 mm BQQE ISO9906:2012 3B					
		<b>Materials:</b> Pump housing: Impeller:	Cast iron EN-JL1040 ASTM A48-40 B Cast iron EN-JL1030 ASTM A48-30 B					
		Installation: Range of ambient temperature: Maximum operating pressure: Flange standard: Pipe connection: Pump inlet: Pump outlet: Pressure rating: (@): Flange size for motor:						
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	112MC IE3 2 x 4 kW 4 kW 50 Hz					



Company name: Created by: Phone:

		Date:	11/10/2018
Qty.	Description		
	Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85):	3 x 380-415D V 7.9 A 1000-1110 % 0.87-0.87 2920-2940 rpm IE3 88,1% 88.1 % 88.6 % 85.2 % 2 55 Dust/Jetting F	
	Others: Minimum efficiency index, MEI ErP status: Net weight: Gross weight: Shipping volume: Country of origin: Custom tariff no.:	: 0.70 EuP Standalone/Prod. 150 kg 161 kg 0.46 m <sup>3</sup> HU 84137065	
	Qty.	Rated voltage:   Rated current:   Starting current:   Cos phi - power factor:   Rated speed:   Efficiency:   Motor efficiency at full load:   Motor efficiency at 3/4 load:   Motor efficiency at 1/2 load:   Number of poles:   Enclosure class (IEC 34-5):   Insulation class (IEC 85):   Others:   Minimum efficiency index, MEI   ErP status:   Net weight:   Gross weight:   Shipping volume:   Country of origin:	Qty.DescriptionRated voltage:3 x 380-415D VRated current:7.9 AStarting current:1000-1110 %Cos phi - power factor:0.87-0.87Rated speed:2920-2940 rpmEfficiency:IE3 88,1%Motor efficiency at full load:88.1 %Motor efficiency at 3/4 load:88.6 %Motor efficiency at 1/2 load:85.2 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FOthers:EuP Standalone/Prod.Net weight:150 kgGross weight:161 kgShipping volume:0.46 m³Country of origin:HU



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## Company name: Created by: Phone:

		·				
Description	Value	H [m]		TPD 50-360/2, 3*	400 V, 50Hz	
General information:						
Product name:	TPD 50-360/2 A-F-A-BQQE					1
Product No:	96087251					
EAN number:	5700395312171	35 -				
Price:	3.977,00 GBP					
Technical:	3.377,00 001	30 -				
Rated flow:	29 m³/h					
Rated head:	24.1 m	25 -				- 10
Head max:	360 dm					
Actual impeller diameter:	163 mm	20 -				- 80
Primary shaft seal:	BQQE					
Curve tolerance:	ISO9906:2012 3B	15 -				60
Pump version:	A	10			$\sim$	00
Model:	A					
Materials:		10 -				- 40
Pump housing:	Cast iron					
	EN-JL1040	5-			_	20
	ASTM A48-40 B					
Impeller:	Cast iron					L
	EN-JL1030	0	5 10 1	5 20 25	30 Q [m³/h]	-0
	ASTM A48-30 B	P				ין
Material and		[kW]				
Material code:	Α	5 -				- 10
Installation:		4 -			P1	-8
Range of ambient temperature:	-30 60 °C	4 -			P2	٢°
Maximum operating pressure:	16 bar	3-			F 2	-6
Flange standard:	DIN	3-				Γ
Pipe connection:	DN 50	2-				4
Pump inlet:	DN 50		T I			
Pump outlet:	DN 50	1-				-2
Pressure rating:	PN 16					
(@)	340 mm	0				Lo
Flange size for motor:	FF215					
Connect code:	F					
	F					
Liquid:						
Pumped liquid:	Water					
Liquid temperature range:	-25 120 °C					
Liquid temperature during operation:						
Density:	998.2 kg/m³					
Electrical data:						
Motor type:	112MC					
IE Efficiency class:	IE3					
Rated power - P2:	2 x 4 kW					
Power (P2) required by pump:	4 kW					
Mains frequency:	50 Hz					
Rated voltage:	3 x 380-415D V					
Rated current:	7.9 A					
Starting current:	1000-1110 %					
Cos phi - power factor:	0.87-0.87					
Rated speed:	2920-2940 rpm					
Efficiency:	IE3 88,1%					
Motor efficiency at full load:	88.1 %					
Motor efficiency at 3/4 load:	88.6 %					
Motor efficiency at 1/2 load:	85.2 %					
Number of poles:	2					
Enclosure class (IEC 34-5):	55 Dust/Jetting					
Insulation class (IEC 85):	F					
	PTC					
Motor protec:						
Motor No:	87322303					



Company name: Created by: Phone:

		Date:	11/10/2018
Description	Value		
Others:			
Minimum efficiency index, MEI :	0.70		
ErP status:	EuP Standalone/Prod.		
Net weight:	150 kg		
Gross weight:	161 kg		
Shipping volume:	0.46 m <sup>3</sup>		
Country of origin:	HU		
Custom tariff no .:	84137065		

